03-08-04

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PATENT & TRADEMARK OFFICE

PHA 4159.32 (3203/1A/US)
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Michael S. South, et al. Art Unit 1614
Serial No. 10/680,873
Filed October 7, 2003
Confirmation No. 4357
For SUBSTITUTED POLYCYCLIC ARYL AND HETEROARYL PYRIMIDINONES USEFUL FOR SELECTIVE INHIBITION OF THE COAGULATION CASCADE

March 5, 2004

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VIRGINIA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the
* duty of disclosure set forth in 37 C.F.R.1.56, applicants submit the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein.

* The references listed on the attached PTO/SB/08A have been previously submitted in parent application Serial No. 09/574,739 and, therefore, in accordance with MPEP 609, are not being provided at this time.

Respectfully submitted,

Bradley S. Schammel

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PTO/SB/08A				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/680,873
				Filing Date	October 7, 2003
(use as many sheets as necessary)				Confirmation Number	4357
				First Named Inventor	Michael S. South
				Group Art Unit	1614
				Examiner Name	To be assigned
Sheet	1	of	6	Attorney Docket No.	PHA 4159.32 (3203/1A/US)

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	U.S. Patent Document Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	1	4,489,096	B1	Terao et al.	12-18-1984
	2	4,851,413	B1	Terao et al.	07-25-1989
	3	4,992,469	B1	Ozawa et al.	02-12-1991
	4	5,008,267		Katakami, et al.	04-16-1991
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	14	5,869,487	B1	Coburn et al.	02-09-1999
	15	5,872,138	B1	Naylor-Olsen et al.	02-16-1999

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	20	EP	0 354 495	A1	Godecke Aktiengesellschaft	02-14-1990	
	21	EP	528 633	B1	Zeneca Limited	10-18-2000	
	22	EP	826 671	A1	The Green Cross Corporation	03-04-1998	
	23	EP	936 216	A1	Nippon Kayaku Kabushiki Kaisha	08-18-1999	
	24	EP	940 400	A1	Yoshitomi Pharmaceutical Industries, Ltd.	09-08-1999	
	25	EP	997 474	A1	Pfizer Inc.	05-03-2000	
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	28	WO	96/33974	A1	The Green Cross Corporation (abstract)	10-31-1996	

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	46	WO	99/00121	A1	Eli Lilly and Company	01-07-1999	

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	52	WO	99/36426	A1	Warner-Lambert Company	07-22-1999	
	53	WO	99/43660	A1	Neurogen Corporation	09-02-1999	
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	64	WO	00/69826	A1	Monsanto Company	11-23-2000	

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	65	WO	00/69832	A1	Monsanto Company	11-23-2000	
	66	WO	00/69833	A1	Monsanto Company	11-23-2000	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[6]
	67	COBURN, C.A., "Small-moleclule direct thrombine inhibitors 1997-2000." Expert Opinions on Therapeutic Patents, 2001, 721-738, Vol. 11, No. 5	
	68	XP-002182132 - DARVAS, et al., "Investigation of the Common Mechanism of Action of Antibacterial Compounds Containing .gamma.-pyridone-.beta.-carboxylic acid Structure by Principal Component." Arzneim.-Forshc., 1979, pp. 1334-1339, Vol. 29, 9.	
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	71	MAJERUS, et al. "Anticoagulant, Thrombolytic, and Antiplatlet Drugs." Goodman & Gilman's The Pharmacological Basis of Therapeutics, Ninth Edition, 1996, pp. 1341-1359, McGraw-Hill, New York.	
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	76	XP-002182410 - TRECOURT et al., "First Synthesis of (+-)-harzianopyridone by Metalation of Polysubstituted O-pyridylcarbamates." J. Heterocycl. Chem., 1995, pp. 1117-1114, Vol. 32, No. 4.	
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	78	VAN AKEN, et al., Anticoagulation: The Present and Future, Clin. Appl. Thrombosis/Hemostasis, 2001, pp. 195-204, Vol. 7 - No. 3.	

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